

BTS282Z E3230 Information


For Reference Only

Part Number [BTS282Z E3230](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 49V 80A TO220-7
Package TO-220-7
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


BTS282Z E3230 Specifications

Manufacturer Part Number	BTS282Z E3230
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-7
Series	TEMPFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	49V
Current - Continuous Drain (Id) @ 25°C	80A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2V @ 240µA
Gate Charge (Qg) (Max) @ Vgs	232nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4800pF @ 25V
Vgs (Max)	±20V
FET Feature	Temperature Sensing Diode
Power Dissipation (Max)	300W (Tc)
Rds On (Max) @ Id, Vgs	6.5 mOhm @ 36A, 10V
Operating Temperature	-40°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO220-7-230
Package / Case	TO-220-7

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BTS282Z E3230 Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

BTS282Z E3230 Payment Methods



BTS282Z E3230 Shipping Methods



If you have any question about BTS282Z E3230, please do not hesitate to contact us!

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